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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
A-6720

SERIAL NO.
Unknown (CIP Appln. of 08/221,516)

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT
Gregg D. Sucha, et al.

(Use several sheets if necessary)

FILING DATE
February 16, 1996

GROUP
Unknown

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
82	3 6 6 9 5 4 1	6/13/72	DUGUAY	356	5	
	4 0 9 7 1 4 8	6/27/78	FRY	356	5	
	4 9 7 3 1 6 0	11/27/90	TAKIGUCHI et al.	356	345	
	4 7 6 7 1 9 7	8/30/88	YEH	350	354	
	5 1 8 9 4 8 9	2/23/93	BRUNFELD	356	358	
	4 7 6 7 2 1 0	8/30/88	KASHYAP	356	345	
	4 7 2 9 6 5 3	3/8/88	KOBAYASHI	356	4.5	
	4 6 0 6 6 3 9	8/19/86	MOTTIER et al.	356	358	
	4 7 0 8 4 8 1	11/24/87	MORI et al.	356	358	
	4 6 1 9 5 2 9	10/28/86	IUCHI et al.	356	358	
	4 9 7 3 1 6 0	11/27/90	TAKIGUCHI et al.	356	345	

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

82	"IMAGING OBJECTS HIDDEN IN HIGHLY SCATTERING MEDIA USING FEMTOSECOND SECOND-HARMONIC-GENERATION CROSS-CORRELATION TIME GATING", Yoo et al., Optics Letters, July 1, 1991, Vol. 16, No. 13, pp. 1019-1021
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	"IMAGING WITH SHORT OPTICAL PULSES", Diels et al., Optics and Lasers in Engineering 4, (1983) 145-165
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JEFFREY ZAHN

DATE CONSIDERED

11/1/2002

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13	4 8 8 6 3 6 3	12/12/89	JUNGQUIST	356	349	
	4 8 3 0 4 8 6	5/16/89	GOODWIN	356	5	
	5 1 7 0 2 1 7	12/8/92	NISHIMOTO et al.	356	359	
	5 1 6 6 7 5 1	11/24/92	MASSIG	356	359	
	5 0 3 7 2 0 6	8/6/91	ETZKORN et al.	356	358	
	4 9 7 8 2 1 9	12/18/90	BESSHO	356	349	
	5 2 9 9 1 7 0	3/29/94	SHIBATA et al.	356	345	
	5 0 5 0 9 8 8	9/24/91	SUGIYAMA et al.	356	121	
	4 3 7 7 0 3 6	3/22/83	DANGSCHAT	33	125	
	4 6 6 0 9 7 8	4/28/87	WU	356	353	
	5 1 0 6 1 9 1	4/21/92	OHTSUKA	356	349	

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13	"INTENSE LIGHT BURSTS IN THE STIMULATED RAMAN EFFECT", Maier et al., Physical Review Letters, December 26, 1966, Vol. 17, No. 26, pp. 1275-1277
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	"400-Hz MECHANICAL SCANNING OPTICAL DELAY LINE", Kwong et al., Optics Letters, Vol. 18, No. 7, April 1, 1993, pp. 558-560
	"IN VIVO RETINAL IMAGING BY OPTICAL COHERENCE TOMOGRAPHY", Swanson et al., Optics Letters, Vol. 18, No. 21, November 1, 1993, pp. 1864-1866

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LENNY ZAHN

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EXAMINER JEFFREY EAHN

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EXAMINER	Joseph Zaku	DATE CONSIDERED 11/1/2002

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EXAMINER JEFFREY GALT

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h		"ENVIRONMENTALLY STABLE KERR-TYPE MODE-LOCKED ERBIUM FIBER LASER PRODUCING 360-FS PULSES", Fermann, January 1, 1994, Vol. 19, No. 1, Optics Letters, pp. 43-45.	
h		"FEMTOSECOND OPTICAL RANGING IN BIOLOGICAL SYSTEMS", Fujimoto et al., Optics Letters, Vol. 11, No. 3, March 1986, pp. 150-152.	
EXAMINER	LEIR, RAY	ZAHN	DATE CONSIDERED 4/1/2002

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EXAMINER FCR/RSB ZAHN

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13	"TIME SYNCHRONIZATION MEASUREMENTS BETWEEN TWO SELF-MODELOCKED Ti:SAPPHIRE LASERS", Spence et al., Optics Communications, Vol. 101, Nos. 3 and 4, 15 August 1993, pp. 286-296.
14	"COMPACT OPTICAL PULSE TRAIN GENERATOR", Beiting, Applied Optics, Vol. 31, No. 15, 20 May 1992, pp. 2642-2644.
15	"MODE-LOCKED LASER PULSE TRAIN REPETITION FREQUENCY MULTIPLICATION: THE OPTICAL RATTLER", MacFarlane et al., Applied Optics, Vol. 30, No. 9, 20 March 1991, pp. 1042-1047.

EXAMINER Jeffrey Zahn DATE CONSIDERED 11/1/02

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13		Newport Corp. Model #PX-D7, manufactured by Picometrix, Newport 1994 Catalog, pp. 13.34-13.37.
13		"400-Hz MECHANICAL SCANNING OPTICAL DELAY LINE", Kwong et al., Optics Letters, Vol. 18, No. 7, April 1, 1993, pp. 558-560.
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EXAMINER Jeffrey E. Smith

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b3		"TIMING SYNCHRONIZATION OF A PASSIVELY MODE-LOCKED DYE LASER USING A PULSED OPTICAL PHASE LOCK LOOP", Dijaili et al., Applied Physics Letter, Vol. 55, No. 5, 31 July 1989, pp. 418-420.
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EXAMINER	JOSEPH R. ZAHN	DATE CONSIDERED 11/1/2002

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13		"TWO-COLOR SYNCHRONOUSLY MODE-LOCKED FEMTOSECOND Ti:SAPPHIRE LASER", Barros et al., Optics Letters, Vol. 18, No. 8, April 15, 1993, pp. 631-633.
13		"DUAL-WAVELENGTH SELF-MODE-LOCKED Ti:SAPPHIRE LASER", Evans et al., Optics Letters, Vol. 18, No. 13, July 1, 1993, pp. 1074-1076.

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EXAMINER J. J. K. K. K.

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13		"STICKY PULSES: TWO-COLOR CROSS-MODE-LOCKED FEMTOSECOND OPERATION OF A SINGLE Ti:SAPPHIRE LASER", Dykaar et al., Optics Letters, Vol. 18, No. 8, April 15, 1993, pp. 634-636.
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13		"ULTRAHIGH-SPEED PHASELOCKED-LOOP-TYPE CLOCK RECOVERY CIRCUIT USING A TRAVELING-WAVE LASER DIODE AMPLIFIER AS A 50 GHz PHASE DETECTOR", Kawanishi et al., pp. 1-3.
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EXAMINER John K. ...

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h3		"PICOSECOND MEASUREMENTS BY FREE-RUNNING ELECTRO-OPTIC SAMPLING", Giboney et al., IEEE Photonics Technology Letters, Vol. 6, No. 11, November 1994, pp. 1353-1355.	
h3		"SUBPICOSECOND LASER TIMING STABILIZATION", Rodwell et al., IEEE Journal of Quantum Electronics, Vol. 25, No. 4, April 1989, pp. 817-827.	
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h3		"ACTIVELY MODELOCKED DUAL-WAVELENGTH FIBER LASER WITH ULTRA-LOW INTER-PULSE-STREAM TIMING JITTER", Pattison et al., IEEE Photonics Technology Letters, Vol. 7, December 1995, pp. 1415-1417.	

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EXAMINER JEFFREY E. ADAMS

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